

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Canceled)

2. (Canceled)

3. (Currently Amended) The burner according to claim 2 5, wherein the height of the shear layer fence is approximately 5 mm.

4. (Currently Amended) The burner according to ~~one of claims 1-3~~ claim 5, wherein the burner is a double cone burner and includes at least two hollow, conical partial members that are mutually offset in a midplane, such that adjacent walls of the partial members form tangential air inlet channels for the inflow of combustion air into ~~an~~ the internal space, said internal space being bounded by the partial members, with the edges of the partial members facing toward the combustion chamber forming the outlet edges of the burner outlet.

5. (New) A burner, comprising:

an internal space, means for introducing combustion air into said internal space, means for introducing fuel into said internal space, thus producing a fuel-air-mixture, the internal space opening with a burner outlet into a combustion chamber, the burner outlet having edges, a shear layer fence running along said outlet edge essentially adjacent the burner outlet, the shear layer fence projecting into the combustion chamber having a height substantially parallel to a flow direction of the outflowing fuel air mixture and the shear layer fence essentially surrounding the outflowing fuel air mixture.

6. (New) The burner according to claim 5, the shear layer fence being made as a sheet metal strip.

7. (New) The burner according to claim 4, the shear layer fence being attached to the edges of the partial members.